

NONCOAL
(July 1989)

Mine Utelite Corporation
Permit No. M/043/004
Date November 13, 1989
Checked By _____

SELF BONDING QUALIFICATION SHEET

Applicant required to meet one of the following criteria:

1. Current rating for most recent bond issuance
("A" or higher) (Moody's Investor Service or
Standard and Poor's Corporation) N/A

or

2. A. Tangible Net Worth = (at least \$10 Million)
(Net worth minus intangibles [Goodwill and
rights to patents or royalties]) \$1,030,746.35
B. Total Liabilities/Net Worth
(2.5 times or less) = .08
C. Current Assets/Current Liabilities
(1.2 times or greater) = 9.61
Reference: _____

or

3. A. Fixed assets in the United States
(at least \$20 million) = \$2,899,782.71
B. Total Liabilities/Net Worth
(2.5 times or less) = .08
C. Current Assets/Current Liabilities
(1.2 times or greater) = 9.61
Reference: _____

Has the operator been in continuous operation of not less than five (5)
years (immediately preceding the time of application) (submitted five
annual reports)?

Yes X No _____

Has the operator furnished financial statements prepared by an
independent certified public accountant in conformity with generally
accepted accounting principles?

Yes X No _____

Has the operator furnished unaudited financial statements for
completed quarters in the current fiscal year?

Yes _____ No X

Has the operator supplied other useful information for determining
financial qualifications?

Yes X No _____

(BONDING SUPPLEMENT)

Reclamation Estimate for UTELITE CORPORATION
UTELITE MINE Summit County M/043/004

Prepared by DOGM - October 25, 1989

Description	Quantity	Unit	\$/Unit	Cost (\$)
East Pit Reclamation (from S. Johnson estimate)				
Regrade for Uniformity	19.0	Acres	400	7,600
Spread Topsoil	34,100	Cubic Yards	0.35	11,940
Revegetate	19.0	Acres	215	<u>4,090</u>
Subtotal			(1989 \$)	23,630
Non-landfill Reclamation (from F. Filas estimate)			(1987 \$)	57,900
Inflated to 1989 Dollars				<u>60,420</u>
Totals				84,050
Add Contingency (10%)				<u>8,400</u>
TOTAL RECLAMATION COST (1989 Dollars)				92,450
TOTAL RECLAMATION COST (1994 Dollars) @ 1.93% Annual Inflation				101,800

Summary of The Reclamation Bond Estimate
Utelite Mine, M/043/004
(Nonlandfill Scenario)

<u>Item</u>	
A. Demolition and Cleanup	\$25,500
B. Soil Placement, Grading and Ripping	25,300
C. Seeding and Fertilizing	<u>7,100</u>
	\$57,900
D. 10 Percent Contingency	<u>5,800</u>
Total in 1987 Dollars	\$63,700

Inflation Factor of Two Percent Per Year
For Seven Years

Total in 1994 Dollars \$73,200

Reclamation Estimate for Utelite Corporation
 Utelite Mine Summit County M/043/004

Prepared By Utah State Division of Oil, Gas and Mining
 October 24, 1989

Description	Quantity	Unit	\$/Unit	Cost (\$)
Plant Site Reclamation				
The scrap value of the plant exceeds the removal cost. The Summit County landfill is expected to cover the foundations.				
Impoundment Reclamation				
Fill Void with Overburden	2000	Cubic Yards	0.60	1,200
Revegetate	4.5	Acres	215	970
Subtotal				----- 2,170
Waste Dump Reclamation				
Revegetate	3.0	Acres	215	650
West Pit Reclamation				
Regrade for Uniformity	2.3	Acres	400	920
Revegetate	2.3	Acres	215	490
Subtotal				----- 1,410
East Pit Reclamation				
Regrade for Uniformity	19.0	Acres	400	7,600
Spread Topsoil	34,100	Cubic Yards	0.35	11,940
Revegetate	19.0	Acres	215	4,090
Subtotal				----- 23,630
Totals				=====
Add Contingency (10%)				27,860
				2,790
TOTAL RECLAMATION COST (1989 Dollars)				----- 30,650
TOTAL RECLAMATION COST (1994 Dollars) @ 1.93% Annual Inflation				34,000

Reclamation Estimate for Utelite Corporation
 Utelite Mine Summit County M/043/004

Prepared By Utah State Division of Oil, Gas and Mining
 October 24, 1989

Cost Parameters Used

D-8 Dozer (O&O)	160	\$/hour
988B Wheel Loader (O&O)	165	\$/hour
Labor Only	24	\$/hour
Farm Tractor (O&O)	67	\$/hour
Speed	4	mph
Width of Pass	6	feet

Revegetation Cost per Acre	Quantity	Unit	\$/Unit	Total Cost (\$)
Bare Costs				
Seed Mix	20	Pounds	9	180
Application Costs				
Seed Mix (drilled)	0.5	Hours	24	12
Scarify (tractor with chain)	0.3	Hours	67	23
Subtotal				35
Total Revegetation Cost per Acre				215